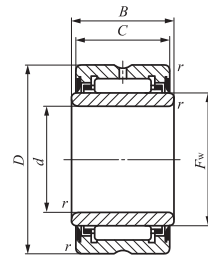


MACHINED TYPE NEEDLE ROLLER BEARINGS

With Seal, With Inner Ring



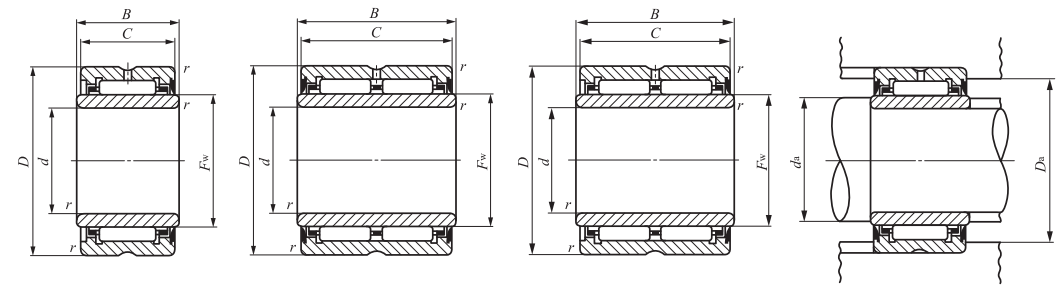
NA49...UU  
NA69...UU ( $d \leq 30$ )

Shaft dia. 10 – 40mm

Shaft dia. mm	Identification number				Mass (Ref.) g	Boundary dimensions mm			
	With two seals	With one seal	With two seals	With one seal		d	D	C	B
10	NA 4900UU	NA 4900U	—	—	24.5	10	22	13	14
12	NA 4901UU —	NA 4901U —	NA 6901UU	NA 6901U	27.5 45.5	12 12	24 24	13 22	14 23
15	NA 4902UU —	NA 4902U —	NA 6902UU	NA 6902U	36 62.5	15 15	28 28	13 23	14 24
17	NA 4903UU —	NA 4903U —	NA 6903UU	NA 6903U	39.5 68.5	17 17	30 30	13 23	14 24
20	NA 4904UU —	NA 4904U —	NA 6904UU	NA 6904U	78.5 137	20 20	37 37	17 30	18 31
22	NA 49/22UU —	NA 49/22U —	NA 69/22UU	NA 69/22U	87.5 153	22 22	39 39	17 30	18 31
25	NA 4905UU —	NA 4905U —	NA 6905UU	NA 6905U	92.5 162	25 25	42 42	17 30	18 31
28	NA 49/28UU —	NA 49/28U —	NA 69/28UU	NA 69/28U	101 177	28 28	45 45	17 30	18 31
30	NA 4906UU —	NA 4906U —	NA 6906UU	NA 6906U	106 185	30 30	47 47	17 30	18 31
32	NA 49/32UU —	NA 49/32U —	NA 69/32UU	NA 69/32U	167 300	32 32	52 52	20 36	21 37
35	NA 4907UU —	NA 4907U —	NA 6907UU	NA 6907U	179 320	35 35	55 55	20 36	21 37
40	NA 4908UU —	NA 4908U —	NA 6908UU	NA 6908U	245 440	40 40	62 62	22 40	23 41

Notes<sup>(1)</sup> Minimum allowable value of chamfer dimension  $r$   
<sup>(2)</sup> Allowable rotational speed applies to grease lubrication.

Remarks1. The outer ring has an oil groove and an oil hole.  
 2. Bearings are provided with prepacked grease. Bearings with a seal on one side are not provided with prepacked grease. Perform proper lubrication for use.



NA49...U  
NA69...U ( $d \leq 30$ )

NA69...UU

NA69...U

$r_{s \min}$ <sup>(1)</sup>	$F_w$	Standard mounting dimensions mm			Basic dynamic load rating $C$ N	Basic static load rating $C_0$ N	Allowable rotational speed <sup>(2)</sup> min <sup>-1</sup>	Assembled inner ring
		Min.	Max.	$D_a$ Max.				
0.3	14	12	13	20	8 080	8 490	14 000	LRTZ 101414
0.3	16	14	15	22	8 470	9 320	12 000	LRTZ 121614
0.3	16	14	15	22	15 500	20 400	12 000	LRTZ 121623
0.3	20	17	19	26	9 570	11 600	9 500	LRTZ 152014
0.3	20	17	19	26	18 500	27 100	9 500	LRTZ 152024
0.3	22	19	21	28	10 300	13 100	8 500	LRTZ 172214
0.3	22	19	21	28	19 800	30 600	8 500	LRTZ 172224
0.3	25	22	24	35	18 000	20 500	7 500	LRTZ 202518
0.3	25	22	24	35	33 000	44 600	7 500	LRTZ 202531
0.3	28	24	27	37	18 300	23 700	7 000	LRTZ 222818
0.3	28	24	27	37	33 800	52 000	7 000	LRTZ 222831
0.3	30	27	29	40	20 300	25 100	6 500	LRTZ 253018
0.3	30	27	29	40	39 200	58 700	6 500	LRTZ 253031
0.3	32	30	31	43	21 000	26 800	6 000	LRTZ 283218
0.3	32	30	31	43	38 900	59 100	6 000	LRTZ 283231
0.3	35	32	34	45	21 500	28 400	5 500	LRTZ 303518
0.3	35	32	34	45	40 100	63 000	5 500	LRTZ 303531
0.6	40	36	39	48	29 400	44 200	5 000	LRTZ 324021
0.6	40	36	39	48	50 300	88 300	5 000	LRTZ 324037
0.6	42	39	41	51	30 100	46 300	4 500	LRTZ 354221
0.6	42	39	41	51	51 600	92 600	4 500	LRTZ 354237
0.6	48	44	47	58	37 200	58 400	4 000	LRTZ 404823
0.6	48	44	47	58	63 700	117 000	4 000	LRTZ 404841